CLAIMS

- 1. (Currently Amended) A composite reverse osmosis membrane comprising:
 - a porous support; and
 - a polyamide skin layer formed on the porous support,
 - wherein the composite reverse osmosis membrane is produced by a method comprising the steps of:
 - forming a layer on the porous support by coating a solution A comprising an amino compound having at least two reactive amino groups;
 - contacting the layer with a solution B comprising a polyfunctional acid halide compound; and
 - subsequently contacting the layer with a solution C comprising the polyfunctional acid halide compound at a concentration higher than a concentration of the polyfunctional acid halide compound in the solution B to form the polyamide skin layer;
 - and wherein a contact angle between a surface of the polyamide skin layer and water is no more than 45°, sodium chloride rejection is at least 98%, and a permeate flow rate is at least 0.7 m³/m²·day when evaluated by using feed water which has pH 6.5, 0.05 weight % of salt, an operation pressure of 5 kgf/cm² and a temperature
- 2. (Original) The composite reverse osmosis membrane according to claim 1, wherein the contact angle is no more than 40°.
- 3-4. (Cancelled)
- 5. (Previously amended) The composite reverse osmosis membrane according to claim 1, wherein the salt rejection is at least 98% and the permeate flow late is at least 0.8 m³/m²·day.



- 18. (New) The composite reverse osmosis membrane according to claim 1, wherein the concentration of the polyfunctional acid halide compound in the solution C is at least 1.2 times the concentration of the polyfunctional acid halide compound in the solution B.
- 19. (New) The composite reverse osmosis membrane according to claim 1, wherein the solution C is applied to the layer before the solution B is completely dried on the layer.